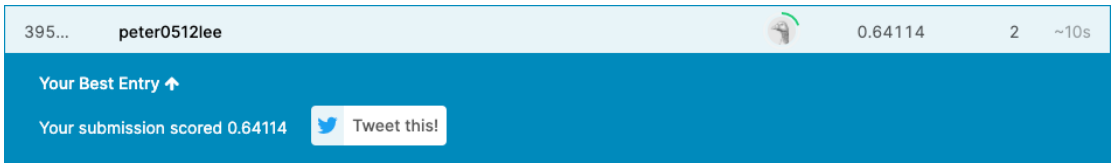
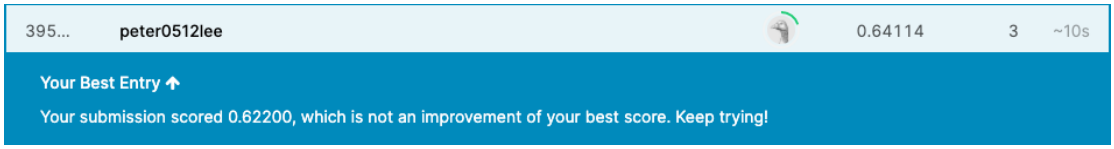
DNN


395...
peter0512lee
0.64114
2
~10s
Your Best Entry
Your submission scored 0.64114
Tweet this!

SVM


SVM
[70]
from sklearn import svm
[75]
model = svm.SVC().fit(scaledFeatures, dataset_target)
/usr/local/lib/python3.9/site-packages/sklearn/utils/validation.py:63: DataConversionWarning: A column-vector y was passed when a 1d array was expected. Please change the shape of y to (n_samples,), for example using ravel().
return f(*args, **kwargs)
[81]
probability = model.predict(testdata)
probability
sub=pd.read_csv('titanic/gender_submission.csv',sep=',')
sub['Survived']=probability
sub.to_csv('svm_submission.csv',index=False)


395...
peter0512lee
0.64114
3
~10s
Your Best Entry
Your submission scored 0.62200, which is not an improvement of your best score. Keep trying!

Random Forest

RandomForest

[77]
```
from sklearn.ensemble import RandomForestClassifier
```

[78]
```
model = RandomForestClassifier(n_estimators=1000)
model.fit(scaledFeatures, dataset_target)
```

```
<ipython-input-78-b95f62cb98dd>:2: DataConversionWarning: A column-vector y was
passed when a 1d array was expected. Please change the shape of y to (n_sample
s,), for example using ravel().
  model.fit(scaledFeatures, dataset_target)

RandomForestClassifier(n_estimators=1000)
```

[80]
```
probability = model.predict(testdata)
probability
sub=pd.read_csv('titanic/gender_submission.csv',sep=',')
sub['Survived']=probability
sub.to_csv('rf_submission.csv',index=False)
```